

L Number	Hits	Search Text	DB	Time stamp
1	97	Sheppard NEAR Michael	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/24 15:07
2	3	(Sheppard NEAR Michael) and endostatin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/24 15:07
4	11	Tong NEAR Xiao	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/24 15:08
5	1712	endostatin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/24 15:08
7	7	endostatin SAME (cani\$3 or dog)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/24 15:10
8	7	(US-20030139365-\$ or US-20030158099-\$ or US-20030059417-\$).did. or (EP-1197550-\$ or EP-1191036-\$).did. or (JP-2003000268-\$ or JP-2002355056-\$).did.	US-PGPUB; EPO; JPO	2004/05/24 15:11
-	2	"20030139365"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/15 14:47
-	55	Gillies NEAR Stephen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/15 14:54

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(FILE 'HOME' ENTERED AT 15:11:43 ON 24 MAY 2004)

FILE 'MEDLINE, CAPLUS' ENTERED AT 15:12:01 ON 24 MAY 2004

L1 3 S ENDOSTATIN (L) (CANI? OR DOG)
L2 3 DUP REM L1 (0 DUPLICATES REMOVED)
E SPEPPARD MICHAEL?/AU
E SHEPPARD MICHAEL?/AU
L3 9 S E1

=> d an ti so au ab pi 12 1-3

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:237903 CAPLUS

DN 136:259025

TI cDNA encoding **endostatin** and its use as inhibitor of cancer and angiogenesis-related disorders in **dogs**

SO Eur. Pat. Appl., 56 pp.

CODEN: EPXXDW

IN Sheppard, Michael G.; Tong, Xiao

AB The present invention relates to **canine endostatin** genes and polypeptides associated as inhibitors of angiogenesis-related disorders, such as cancer. The invention encompasses **endostatin** nucleic acids, recombinant DNA mols., cloned genes or degenerate variants thereof, **endostatin** gene products and antibodies directed against such gene products, cloning vectors containing mammalian **endostatin** gene mols., and hosts that have been genetically engineered to express such mols. In a further embodiment the said **endostatin** is not from chicken, human or mouse. The invention further relates to methods for the identification of compds. that modulate the expression of **endostatin** genes and gene products and to using such compds. as therapeutic agents in the treatment of angiogenesis-related disorders, e.g., cancer. The invention also relates to methods for the diagnostic evaluation, genetic testing and prognosis of angiogenesis-related disorders, e.g., cancer, and to methods and compns. for the treatment these disorders. Angiogenesis-related disorders include angiogenesis-dependent cancers comprising solid tumors and blood borne tumors such as leukemias, tumor metastases, benign tumors comprising hemangiomas, acoustic neuromas, neurofibromas, trachomas, and pyogenic granulomas. Also included are rheumatoid arthritis, psoriasis, ocular angiogenic diseases comprising diabetic retinopathy, retinopathy of prematurity, macular degeneration, corneal graft rejection, neo-vascular glaucoma, retrothalamic fibroplasia, and rubeosis. Osler-Webber syndrome, myocardial angiogenesis, plaque neovascularization, telangiectasia, hemophiliac joints, angiofibroma, wound granulation, coronary collaterals, cerebral collaterals, and arteriovenous malformations are also included. Other diseases include ischemic limb angiogenesis, diabetic neovascularization, macular degeneration, fractures, vasculogenesis, hematopoiesis, ovulation, menstruation and placenta.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1191036	A2	20020327	EP 2001-307224	20010824
EP 1191036	A3	20020703		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
JP 2003000268	A2	20030107	JP 2001-254697	20010824
US 2003158099	A1	20030821	US 2001-938391	20010824

L2 ANSWER 2 OF 3 MEDLINE on STN

AN 2002487981 MEDLINE

TI **Endostatin** concentrations in healthy **dogs** and **dogs** with selected neoplasms.

SO Journal of veterinary internal medicine / American College of Veterinary Internal Medicine, (2002 Sep-Oct) 16 (5) 565-9.
Journal code: 8708660. ISSN: 0891-6640.

AU Rossmeisl John H Jr; Bright Patricia; Tamarkin Lawrence; Simpson Byron W; Troy Gregory C; Hueston William; Ward Daniel L

AB **Endostatin** prevents angiogenesis and tumor growth by inhibiting

endothelial cell proliferation and migration. The purpose of this study was to determine serum **endostatin** concentrations in 53 healthy dogs and in 38 dogs with confirmed malignant neoplasms.

Endostatin concentration was determined with a competitive enzymatic immunoassay (EIA) with rabbit polyclonal antibody generated against a recombinant canine **endostatin** protein. Both the presence of cancer and increasing age were associated with increased serum concentration of **endostatin**. **Endostatin** concentration in healthy dogs was 87.7 +/- 3.5 ng/mL. Upper and lower limits of the reference range for serum **endostatin** concentration in healthy dogs were 60 and 113 ng/mL. Dogs with lymphoma (LSA) and hemangiosarcoma (HSA) had **endostatin** concentrations of 107 +/- 9.3 ng/mL. In conclusion, this study demonstrates that **endostatin** can be quantified in dogs and that **endostatin** concentrations are high in dogs with HSA and LSA.

L2	ANSWER 3 OF 3	CAPLUS	COPYRIGHT 2004 ACS on STN
AN	2000:144909	CAPLUS	
DN	132:190503		
TI	Expression and export of angiostatin and endostatin as immunofusins		
SO	PCT Int. Appl., 68 pp.		
IN	Lo, Kin-Ming; Li, Yue; Gillies, Stephen D.		
AB	Disclosed are nucleotide sequences, for example, DNA or RNA sequences, which encode an Ig Fc-angiogenesis inhibitor fusion protein. The angiogenesis inhibitors can be angiostatin, endostatin, a plasminogen fragment having angiostatin activity, or a collagen XVIII fragment having endostatin activity. The nucleotide sequences can be inserted into a suitable expression vector and expressed in mammalian cells. Also disclosed is a family of Ig Fc-angiogenesis inhibitor fusion proteins that can be produced by expression of such nucleotide sequences. Also disclosed are methods using such nucleotide sequences and fusion proteins for treating conditions mediated by angiogenesis. When C57/BL6 mice with implanted Lewis lung tumors are injected with 720 µg human Fc-human angiostatin fusion protein per mouse, the protein had a circulating half-life of about 32 h, and Western anal. shows that >90% of the fusion protein remains as an intact mol. in circulation.		
PATENT NO.	KIND	DATE	APPLICATION NO. DATE
PI	WO 2000011033	A2 20000302	WO 1999-US19329 19990825
	WO 2000011033	A3 20000622	
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	CA 2339331	AA 20000302	CA 1999-2339331 19990825
	AU 9955836	A1 20000314	AU 1999-55836 19990825
	AU 761027	B2 20030529	
	BR 9913331	A 20010515	BR 1999-13331 19990825
	EP 1107989	A2 20010620	EP 1999-942468 19990825
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO	
	JP 2002523036	T2 20020730	JP 2000-566305 19990825
	ZA 2001001290	A 20020215	ZA 2001-1290 20010215
	NO 2001000918	A 20010419	NO 2001-918 20010223
	US 2003139365	A1 20030724	US 2002-292418 20021112



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Nucleotide

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1: AX399629. Sequence 1 from P...[gi:21335409] Links

LOCUS AX399629 829 bp DNA linear PAT 06-JUN-2002

DEFINITION Sequence 1 from Patent EP1191036.

ACCESSION AX399629

VERSION AX399629.1 GI:21335409.

KEYWORDS .

SOURCE Canis familiaris (dog)

ORGANISM Canis familiaris

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

REFERENCE 1

AUTHORS Sheppard,M.G. and Tong,X.

TITLE Methods and compositions for diagnosing and treating disorders
involving angiogenesis

JOURNAL Patent: EP 1191036-A 1 27-MAR-2002;
Pfizer Products Inc. (US)

FEATURES Location/Qualifiers

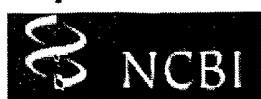
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ORIGIN

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LOCUS	AX399631	555 bp	DNA	linear	PAT	06-JUN-2002	
DEFINITION	Sequence 3 from Patent EP1191036.						
ACCESSION	AX399631						
VERSION	AX399631.1	GI:21335410					
KEYWORDS	.						
SOURCE	Canis familiaris (dog)						
ORGANISM	Canis familiaris	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.					
REFERENCE	1						
AUTHORS	Sheppard,M.G. and Tong,X.						
TITLE	Methods and compositions for diagnosing and treating disorders involving angiogenesis						
JOURNAL	Patent: EP 1191036-A 3 27-MAR-2002; Pfizer Products Inc. (US)						
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